

# High Woodlands Rainwater Project



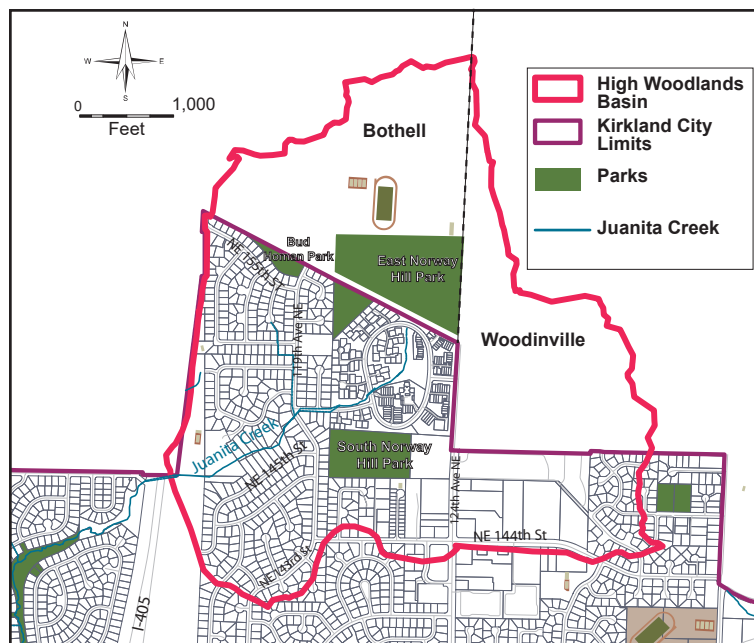
Kirkland Public Works  
Storm & Surface Water Division

## What is the project?

The High Woodlands rainwater project will study and choose up to three locations for projects that reduce the volume of rainwater runoff and improve water quality in Juanita Creek.

The focus of this first phase is to identify possible locations and types of rainwater management projects. The first phase will narrow down and identify the top three sites for possible facilities.

**No actual construction of facilities will take place for several years.**



## Why is this project necessary?

The High Woodlands area is the headwaters of the Juanita Creek Watershed. The rainwater that falls in your neighborhood has an important impact on the health of Juanita Creek.

Much of the High Woodlands basin was developed in the 1960's and 1970's, before there were requirements to control the flow or manage the quality of rainwater runoff.

We now know that these areas contribute pollutants to our creeks and contribute to flooding in our neighborhoods.

One strategy the City of Kirkland is using to solve this problem is to build rainwater management facilities, which reduce polluted runoff and flooding, and improve water quality in areas that do not currently have rainwater management facilities.

## Potential project benefits



Greener, more attractive neighborhoods



Lower risk of street and property flooding



Improved water quality for wildlife and recreation



Healthier Juanita Creek

[www.kirklandwa.gov/HighWoodlands](http://www.kirklandwa.gov/HighWoodlands)

## Project Manager

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## About Rainwater Runoff

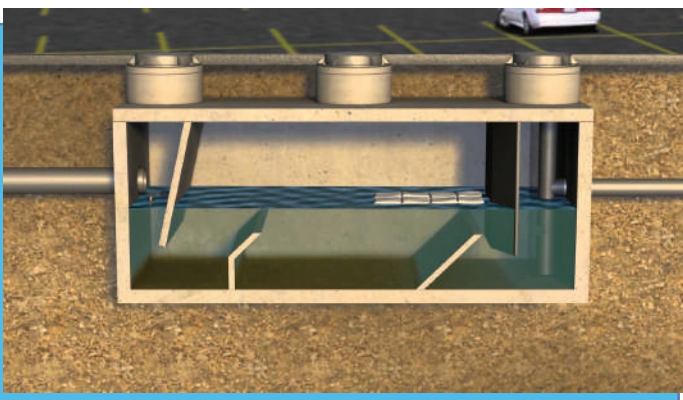
Rainwater runoff is rainwater or melting snow that doesn't evaporate or soak into the ground. Rainwater runoff carries pollutants like pesticides, fertilizers, soaps, and vehicle fluids to the nearest creek or lake, and can cause flooding and erosion downstream.

### What does a rainwater management facility look like?

City of Kirkland will investigate what types of rainwater management facilities to build and where within the High Woodlands basin they should be installed. The project is considering a wide range of options including rain gardens and underground vaults as types of facilities that may be installed.



**Rain Gardens** slow the flow of rainwater runoff and let it filter into the ground naturally.



**Underground Vaults and Wells** slow the flow of rainwater runoff and allow pollutants to settle to the bottom to be cleaned out later.

### Project Timeline

- Spring 2023**  
Preliminary site selection and evaluation  
Community mailer and survey
- Summer /Fall 2023**  
Screen preliminary options to **30 sites**
- Fall/Winter 2023**  
Narrow site selection to **6 sites**
- Early 2024**  
Virtual and In-Person Open Houses
- Summer 2024**  
Initial design for **3 sites**
- Future Phases**  
Seek funding for project design and construction

### Opportunities to Get Involved



Respond to the neighborhood drainage survey



Participate in virtual open houses



Talk with us at neighborhood meetings